

Title (en)

Graft polymer particles and moldings with better dyeability containing such particles

Title (de)

Teilchenförmige Pfropfcopolymerisate und diese enthaltende thermoplastische Formmassen mit verbesserter Einfärbbarkeit

Title (fr)

Polymères greffés sous forme de particules et masse à mouler thermoplastique les contenant ayant une affinité améliorée pour les colorants

Publication

**EP 0725094 A3 19970827 (DE)**

Application

**EP 96101104 A 19960126**

Priority

DE 19503545 A 19950203

Abstract (en)

[origin: EP0725094A2] Particulate graft copolymers (A) comprise (a1) 5-70 wt. % grafting base with a Tg of below 10 degrees C based on (a11) 50-99.94 wt. % (1-30C alkyl) acrylate(s), (a12) 0-49.9 wt % mono-unsatd. comonomer and (a13) 0.01-5 wt. % polyfunctional crosslinking monomers, (a2) 20-85 wt. % of a shell polymerised in the presence of (a1) from (a21) 95-100 wt % monomer(s) with a refractive index (n<20>D) of more than 1.51 and (a22) 0-5 wt. % polyfunctional crosslinking monomers, and (a3) 10-50 wt % other shell(s) polymerised in the presence of the prod. of (a2), from (a31) 50-95 wt % vinylaromatic monomer and (a32) 5-50 wt % (meth)acrylonitrile, (1-20C alkyl) (meth)acrylates, maleic anhydride, (meth)acrylamide and/or vinyl (1-8C alkyl) ethers. Also claimed are thermoplastic moulding materials contg. graft copolymer particles (A) and another thermoplastic polymer (B) with a Tg of more than 20 degrees C.

IPC 1-7

**C08F 285/00**; **C08L 51/00**; **C08L 25/02**

IPC 8 full level

**C08L 25/02** (2006.01); **C08F 265/00** (2006.01); **C08F 265/04** (2006.01); **C08F 285/00** (2006.01); **C08L 25/12** (2006.01); **C08L 51/00** (2006.01); **C08L 51/06** (2006.01); **C08L 101/00** (2006.01)

CPC (source: EP KR)

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Citation (search report)

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